

Report to -- American Zinc, Lead &
Name Smelting Co., Inc. No. -

P. Order No. 51.0



40115230



SUPERFUND RECORDS

RP000201376

AMERICAN ZINC LEAD AND SME NG CO
JOPLIN MO

Report 2. 23

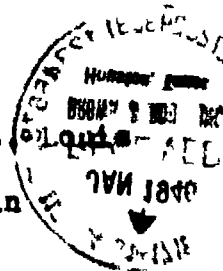
FOR

Mr. C. A. ...

I. C. . Rodewig - St. Louis

Mr. J. J. Inman - Joplin

Messrs H. I. Young
C. H. Plumb
J. H. Cassin (2)



January 10, 1946

Dear George

I wish to submit the following report concerning development activities on Brown and Oct leases for the weekly period January 5 to January 11, 1946.

During the week one hole was completed; this was hole wallower No. 6 which was stopped at 156 feet. This hole cut an old drift from 100 to 120 feet and carried mineralization from the floor of the drift, or from 120 feet to 130 feet which assayed 1.03 per cent Zn. This hole was drilled by Boyd Patrick, contractor, who lives at Duenwer, Iowa. Patrick has done a very good job of drilling on this program, and we strongly recommend him for any future work.

Drilling operations were discontinued upon the completion of the above hole as this hole completes the program we had decided on. Our Mr. Stewart is preparing a final report which will be supported by maps and all drill records and furnished to all parties concerned.

Very truly yours,

J. J. Inman
District Manager

JJI em

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BR0002C1377

FOR

Mr. Cashin

Mr. G. W. Roddewig - St. Louis

December 21, 1945

Mr. J. J. Inman - Joplin

Messrs: H. I. Young
C. H. Plumb
D. L. Cashin (2)

Dear George

I wish to submit the following report concerning development activities on Brown and Root leases for the weekly period December 21 to December 28, 1945.

There were no holes completed during the week as the cold weather continued through Christmas. Both drills, however, are now back at work.

WALLOWER-WEYMAN

Churn drill operated by Patrick advanced hole AZ-5 to 136 feet. This hole cut an old drift from 85 to 98 feet and at 115 feet went into good zinc shiner which continued to the present depth.

Churn drill operated by Cooper and Bell moved onto hole AZ-Weyman No. 3 which is down 60 feet.

Very truly yours,


District Manager

JJI:emf

COPY

BP000201278

FOR

M. C. Ashburn

R. C. Roddewig - St. Louis

January 5, 1946

J. J. Inman - Joplin

ASERS H. I. Young
C. H. Plumb
H. H. Jashin (2)

Dear George.

I wish to submit the following report concerning development activities on Brown and Root leases for the weekly period December 29 to January 4, 1946.

During the week two holes were completed - hole No. 5 on the Wallower tract and hole No. 3 on the Weyman tract.

Churn drill operated by Patrick completed hole No. 5 on the Wallower tract on December 31 at 190 feet. This hole cut an open drift from 85 feet to 93 feet and carried on down in broken material to 110 feet which apparently was the floor of the old drift. The hole cut good zinc shines at 115 feet which carried on down to 145 feet. This was not commercial material as the assay shows values below 1.50 Zn. The hole went on down to check the lower bed and was stopped at 190 feet. This drill moved to hole No. 6 on the Wallower tract which at the end of the week was down to 105 feet.

Churn drill operated by Cooper and Bell completed hole No. 3 on the Weyman tract at 171 feet. This hole cut an old drift from 100 to 120 feet and went into zinc shines at the floor of the old drift which continued down to 130 feet. This was not commercial material. We did not have another location for this drill.

The present hole, Wallower No. 6, will complete the original development program. We will, therefore, discontinue drilling until otherwise advised.

It is my opinion that our drilling on the Wallower-Weyman area has indicated that the commercial values left are below 100 feet from the surface and, therefore, this area does not warrant a profitable stripping operation.

Very truly yours,

[Signature]
District Manager

WJI:znp

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FOR

Mr. Carlson

Mr. G. W. Roddewig - St. Louis

December 21, 1945

Mr. J. J. Inman - Joplin

Messrs. H. I. Young
C. H. Lumb
D. W. Cashin (2)

Dear George

I wish to submit the following report concerning development activities on Brown and Root leases for the weekly period December 14 to December 21, 1945.

During the week no holes were completed as cold weather quite materially interfered with drilling progress.

WALLOWER-FEYMAN

Churn drill operated by Patrick moved to hole AL-5 which is down 80 feet with no mineralization encountered to the present depth.

Churn drill operated by Cooper and Bell has been slow in moving to AZ-Weyman hole No. 3. They are not set up and from all indications will not resume operations until after Christmas.

Very truly yours,

J. J. Inman
District Manager

JJI smg

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FOR

Mr. Cashman
Mr. G. W. Roddewig - St. Louis

Mr. J. J. Inman - Joplin

Messrs H. I. Young
C. H. Plumb
D. W. Cashin (2)

December 15, 1945

Development work on
Brown and Root Leases

Dear George

I wish to submit the following report concerning development activities on Brown and Root leases for the weekly period December 7 to December 14, 1945.

During the week two holes were completed.

WALLOWER-WEYMAN

Churn drill operated by Strick completed hole AZ-4 on the Wallower tract at 154 feet. This hole cut mineralization below an old drift from 125 feet to 135 feet which assayed 2.86% as zinc. The drill was moved east to hole AZ-5.

Churn drill operated by Cooper and Bell completed hole Weyman No. 2 at 160 feet. This hole was located immediately east of an old shaft and apparently cut a mine pillar as shown by the old map. The hole showed very good mineralization and assayed from 120 to 142½ feet 6.96% zinc. This drill was moved directly east to hole AZ-Weyman No. 3.

Very truly yours,

J. J. Inman
District Manager

JJI:smg

COPY

BR000201381

FOR

Mr. Cash

Mr. G. L. Roddewig - St. Louis

Mr. J. J. Inman - Joplin

Messrs F. I. Youn
C. L. Alumb
L. L. Gashin (2)

December 5, 1945

Development of
Brown and Root

Dear George

I wish to submit the following report concerning development activities on Brown and Root leases for the weekly period November 30 to December 7, 1945.

During the week only one hole was completed which was on the Wallower tract.

The drilling on the Jack Bin lease was completed November 30. Eight holes were drilled on the tract, namely two, which were holes No. 3 and No. 5, showed poor to fair mineralization.

WALLOWER-ALYMAN

Churn drill operated by Patrick completed hole W-3 at 157 ft. This was a very open hole and as previously reported showed very good mineralization below 100 feet; however, an old drift was encountered from 115 to 128 feet. Our assays show the mineralization continued below the drift down to 137½ feet. This drill was moved to hole W-4 which was down to 90 feet at the end of the week.

Our two drillers at the Jack Bin decided not to go to the Wallower-Allyman tract, so we have another drill which is owned by Cooper and Bell. This drill moved onto the Weyman tract on December 5 and at the end of the week was down to 35 feet with hole Weyman No. 2.

Very truly yours,

J. J. Inman
District Manager

JJI SMR

To Mr. George Brown

COPY

BR0002C1382

AMERICAN ZINC LEAD AND SML NG CO
JOPLIN MO

Report No. 17

FOR

M. Cashin

M. I. Roddewig - St. Louis

r J. J. Inman - Joplin

refers H. I. Young
C. H. Plumb
D. . Cashin (2)

December 1, 1945

Development Work on
Brown and Hoot leases

Dear George

I wish to submit the following report concerning development activities on Brown and Hoot leases for the weekly period November 23 to November 29, 1945.

During the week only one hole was completed, this on the Jack Bin lease.

JACK BIN

Churn drill operated by Cowan was on hole AZ-7 the entire week which was advanced to a depth of 75 feet. This is a very tight hole and unless mineralization is encountered will be stopped at around 90 feet.

Churn drill operated by Smith completed hole AZ-8 at 77 feet. This was a blank hole and completes our circle of holes around the cave.

We have no more locations on the Jack Bin and I believe it has now been thoroughly proved that commercial mineralization does not extend beyond the limits of the cave. These drills will be offered drilling on the Wallower-Weyman tracts, but it is questionable that they will accept as they are really not equipped for the type of drilling which has been encountered there.

WALLOWER-WEYMAN

Churn drill operated by Patriok was on hole AZ-3 during the entire week. The hole was advanced from 112½ feet to 135 feet. This was certainly a bad hole as it was necessary at 112 feet to fill the hole with clay and shale and ream. The hole cut an old drift from 115 to 128 feet. We reported last week the hole cut mineralization from 100 feet to 112½ feet. We have assays which show an average of 4.73 per cent Zn for this 12 feet. The hole has had fair shines from 128 feet, or the bottom of the drift down to the present level.

Our experience to date on the Wallower-Weyman area is not very encouraging for a strip operation as the values are being found below 100 ft. We have five more locations to drill to complete the work as originally planned.

Very truly yours,

J. J. Inman
District Manager

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JJI:mc

BR000201383

AMERICAN ZINC LEAD AND SM ING CO
JOPLIN MO

Report C. 16

FOR

Mr. C. C. Roddewig - St. Louis

November 24, 1945

Mr. J. J. Inman - Joplin

Development work on
Brown and Root Leases

Messrs H. I. Young
C. H. Plumb
L. W. Cashin (2)

Dear George

I wish to submit the following report concerning development activities on Brown and Root leases for the weekly period November 16 to November 22, 1945.

During the week two holes were completed - both on the Jack Bin lease.

JACK BIN

Churn drill operated by Cowan completed hole no. AZ-5 at 103 feet. This hole cut good lead shines from 45 to 75 feet. The drill was moved on November 20 to hole AZ-7 which is located back away from the caved area in an effort to determine whether or not the lead showing extends in this direction.

Churn drill operated by Smith completed hole AZ-6 at 100 ft. This was a blank hole in lime. This drill has moved to hole AZ-3 which was down 10 feet at the end of the week. These are the last two locations on the Jack Bin area, and in our opinion should definitely prove whether or not the mineralization in this area extends beyond the old Cave. In the event both holes are blank drilling will be discontinued.

WALLOWER-WEYMAN

Churn drill operated by Patrick worked all week on hole AZ-3 and advanced same from 80 feet to 112½ feet. This hole struck fair mineralization at 100 feet which has continued down to the present level. Samples were taken but results are not yet available. This is terribly bad drilling and Patrick advises he is unable to go any deeper with this hole until all pipe has been pulled and the hole reamed from the surface. He has lost practically a full week's work, and I therefore intend to make some concession for reaming and completing this hole. Patrick is one of the best drillers in the District, and we certainly want to hold him.

Very truly yours,


District Manager

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AMERICAN ZINC LEAD AND SMELTING CO
JOPLIN MO

Report No. 14

FOR M. E. Cashin
Mr. C. J. Roddewig - St. Louis

November 10, 1945

Mr. J. J. Inman - Joplin

Development of
on Brown & Root
Leases

Messrs H. I. Young C. H. Plumb
J. M. Cashin (2)

Dear George

I wish to submit the following report concerning development activities on Brown and Root leases for the weekly period November 2, 1945 to November 8, 1945.

During the week three drill holes were completed - two on the Jack Bin lease and one on the Wallower tract.

JACK BIN

Churn drill operated by Smith commenced hole AZ-3 and was on the hole throughout the entire week. This hole broke through the lime at 70 feet and at 95 feet went into creek gravel and shale carrying good lead shines. At the end of the week the hole was at 102½ feet where it was necessary to set another string of casing.

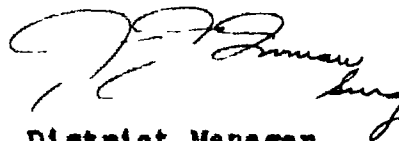
Churn drill operated by Cowan completed hole AZ-2 at 102 feet which was a blank hole. Hole AZ-4 was also completed at 100 feet. This was also a blank hole and was stopped in lime boulders. The drill moved to hole AZ-5. In the event hole AZ-3 encounters commercial lead ore our plans are to move back and deepen AZ-4.

WALLOWER-WEYMAN

Churn drill operated by Patrick completed hole AZ-1 at 150 feet. This hole cut an old drift from 114 to 126 feet. The hole cut zinc mineralization from 126 to 135 feet which assayed 3.36 Zn. This drill moved to hole AZ-2 which was down 130 feet at the end of the week.

Churn drill operated by Sill advanced hole AZ-2 on the Weyman tract from 80 feet to 137½ feet. This hole was located over old mine workings and is in a large pillar. The hole cut commercial zinc mineralization from 117 feet to the present depth. This 20½ feet averaged 8.28% Zn. The hole will be continued on into the sheet ground.

Very truly yours,


District Manager

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AMERICAN ZINC LEAD AND SML ING CO

JOPLIN MO

FOR

M. C. Cashin
Mr. G. L. Roddewig - St. Louis

Mr. J. J. Inman - Joplin

Messrs H. I. Young C. H. Plumb
D. . Cashin (2)

November 3, 1945

Development for
on Brown & Root
Leases

Dear George

I wish to submit the following report concerning development activities on Brown and Root leases for the weekly period October 26, 1945 to November 1, 1945.

During the past week prospect drilling operations were commenced on the Jack Bin area and the Wallower-Weyman leases. Two drills were moved onto each location.

JACK BIN LEASES

Churn drill operated by Smith completed hole AZ-1 at 99 feet. This hole was in limestone.

Churn drill operated by Cowan advanced hole AZ-2 to 75 feet. This is also a very tight hole and unless some mineralization is encountered will be stopped around 100 feet.

WALLOWER-WEYMAN

Churn drill operated by Patrick advanced hole AZ-1 to 105 feet. This is a very open hole and the driller is in trouble at the present depth. He was setting casing at the end of the week.

Churn drill operator Sill advanced hole AZ-2 to 80 feet. This is also a very open hole and at the end of the week the driller was reaming in order to set his 6" casing.

Very truly yours,

J. J. Inman

District Manager

JJI smg

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AMERICAN ZINC LEAD AND SMELT G CO
JOPLIN MO

Report No. 17

FOR

Mr. Cashin

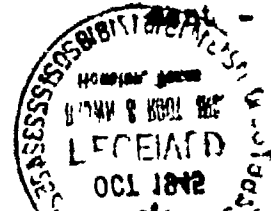
Mr. W. L. Roddewig - St. Louis

Mr. J. J. Inman - Joplin

Messrs H. I. Young C. H. Plumb
D. J. Cashin (2)

October 27, 1945

South Carthage level -
Browns Root
Acreage



Dear George

I wish to submit the following information concerning churn drilling during the week on South Carthage lands of Brown & Root.

During the week two blank holes were completed, and in accordance with plans which were discussed with Mr. Plumb and Mr. Cashin this program was discontinued and it was decided to commence drilling operations on both the Jack Bin area and the Wallower-Reyman tracts.

Churn drill No. 1 This drill completed hole No. 16 at 82 feet. This was a blank hole and showed a little more soapstone than normal. Limestone, however, was encountered directly under the open ground. This drill started moving to the Jack Bin lease on October 22.

Churn drill No. 2 This drill completed hole No. 17 on October 19. This was a blank hole and bottomed at 94 feet. During the week this drill moved to the Jack Bin lease, not set up and at the end of the week was down 10 feet.

We have made arrangements for two additional drills to be moved to the Wallower-Reyman acreage. Both drillers have been given locations and report that they will be on the job early the coming week.

Very truly yours,

J. J. Inman
District Manager

J I em

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JOPLIN MO

FOR

Mr. G. W. Roddewig - St Louis

October 20, 1945

Mr. J. J. Inman - Joplin

South Carthage Development - Brown and Root
AcreageMessrs: H. I. Young C. H. Plumb
D. M. Cashin (2)

Dear George

I wish to submit the following information concerning churn drilling during the week on South Carthage leases of Brown & Root.

During the week two blank holes were completed - hole AZ-15 at 100 feet and hole AZ-16 at 83 feet.

Churn drill No. 1 This drill completed hole AZ-15 on October 16 at 100 feet. This hole was located on the east forty near old mine workings. The hole was entirely too open for mineralization. On October 17 this drill moved to hole AZ-18 in the north central part of the east forty and at the end of the week was down 15 feet.

Churn drill No. 3 This drill completed hole AZ-16 on October 15 at 83 feet. This was an offset hole to the west to hole AZ-13 which showed good lead shines. This hole was blank and the drill moved to the north central part of the west forty to hole AZ-17 which was down 50 feet at the end of the week.

Mr. Stewart, Mr. Carl Plumb, and myself went over this area yesterday and came to the office and called Mr. Cashin at Houston, Texas. It was decided that this drilling program would be stopped upon the completion of the present two holes. We will complete all drill records, prepare a map, and Mr. Stewart will write a report covering this drilling project. Our plans are to move these two drills at once to the Jack Bin lease of Brown and Root.

Yours very truly,


District Manager

JJJ:smg

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JOPLIN MO

FOR

Mr. Cashin

Mr. E. J. Loddewig - St. Louis

Mr. J. J. Inman - Joplin

Messrs. H. I. Young C. H. Plumb
J. Cashin (2)

October 13, 1945

South Carthage Development - Brown & Root
Acres

Dear George

I wish to submit the following information concerning churn drilling during the week on South Carthage leases of Brown & Root.

During the period two holes were completed namely, AZ-13 at 82 feet and AZ-14 at 71 feet.

Churn Drill No. 1 This drill completed hole AZ-14 at 71 feet on October 6. This was a negative hole located on the east forty and fills in a cross section across the supposed mineralized zone. On October 8 this drill moved to hole AZ-15 which is located near old mine workings in the center of the east forty and at the end of the week was down to 53 feet.

Churn Drill No. 2 This drill completed hole AZ-13 on October 9 at 82 feet. This hole was located on the west forty in the vicinity of old mine workings near the northwest center of this tract. The hole cut lead mineralization from 45 to 65 feet. The cuttings were apparently deceiving as they appeared considerably better than the assay shows. The 20 feet of mineralization assayed 1.36 lead metal, or 1.70% as 80% lead concentrates. The better part, or from 45 to 52 feet, assayed 1.87 as lead metal or 2.34% as 80% lead concentrates. This drill was moved west to hole AZ-16 which at the end of the week was down 37 feet.

Our experience in this drilling program to date is not encouraging. We now have completed holes in what appeared to be the most attractive locations on these two 40-acre tracts. We have not had a hole which showed values sufficient to warrant blocking of reserves which could be mined profitably by a stripping operation. I have gone over the maps with our Mr. Stewart and we have locations for four more holes, two on each 40-acre tract, and if these four holes are also negative we recommend that this program be stopped and one of the drills moved to the Jack Bin area of Brown and Root.

I will appreciate comment from both yourself and Mr. Cashin concerning this program.

Very truly yours,


District Manager

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11/15/45

BP000201389

FOR

Wm. Cashin
Mr. G. L. Roddewig - St. Louis

Mr. H. E. Salboun - Joplin

Messrs: H. I. Young C. H. Plumb
D. M. Cashin (2)

October 6, 1945

South Carthage Development - Brown & Root
Acreage

Dear George

I wish to submit the following information concerning churn drilling during the week on South Carthage lease of Brown and Root.

There were no completions during the week as rain and mud materially slowed the progress.

Churn drill No. 1 drilling on hole AZ-14 advanced to a total depth of 57 feet. No mineralization.

Churn drill No. 3 drilling on hole AL-13 advanced to a depth of 3 feet with no mineralization.

Yours very truly,

W. E. Salboun
Asst. Dist. Manager

R&C:smg

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AMERICAN ZINC LEAD AND SMC NG CO
JOPLIN MO

Report No. 8

FOR

Mr. J. S. Toddewile
J. S. Toddewile - St. Louis

September 2, 1915

Mr. K. E. Calhoun - Joplin

Leads . I. Young C. A. Plumb
D. A. Cashin (2)

Dear George

I wish to submit the following information concerning churn drilling during the week on South Carthage lease of Brown and Root.

Churn drill No. 1 completed hole AZ-12 at a footage of 86 feet, no mineralization being encountered. This drill was moved to a new location 130 feet east and 30 feet south of hole AZ-12.

Churn drill No. 2 remained idle during the week.

Churn drill No. 3 completed hole AZ-11 at a depth of 73 feet. No mineralization was encountered. This drill was moved to a new location 200 feet north and 50 feet west of hole AZ-11.

Yours very truly,

K. E. Calhoun
Asst. Dist. Manager

REC smg

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FOR

Wm. C. Roddewig

Mr. G. . Roddewig - St. Louis

Mr. J. J. Inman - Joplin

September 22, 1945

South Carthage Development - Brown & Root
Acreage

Dear George

I wish to submit the following information concerning churn drilling during the week on South Carthage leases of Brown and Root.

Churn drill No. 1 completed hole AZ-10 at 75 feet. This hole was located near the center of the assumed core of the structure in this area. The hole broke through dark lime at 30 feet into open, bouldery ground which continued the full depth. The formation was absolutely too open for mineralization, although the upper dark lime at first did appear attractive. On the last day of the week this machine started moving to hole AZ-12 which is located on the east forty acre tract and near the east edge of an old mine cave in the southwest corner. We are testing this area to check elevation and type of mineralization of former operations.

Churn drill No. 2 was idle throughout the week. We have been unable to contact this driller, but from all indications he has quit. We, therefore, moved churn drill No. 1 to the east side where we will proceed with the program which was outlined for churn drill No. 2.

Churn drill No. 3 completed hole AZ-9 at 94 feet. This hole is located in the vicinity of five old shallow shafts and cut material from 52½ feet to 65 feet which was sampled. Assays for this 12½ ft. distance show total zinc 2.65 %, non-sulphide zinc .80, or a net of 1.85 per cent Zn, or 3.10 as 60 per cent blende. This drill will move 105 feet north to hole AZ-11.

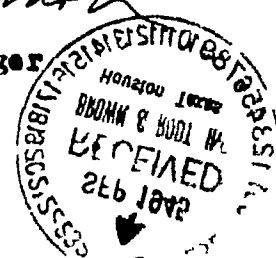
We will continue for the next two weeks on the drilling plan which was discussed with you on your visit here last week. It is my opinion that at the end of that time if we do not have some evidence of either a large area of low grade mineralization or some exceptionally rich spots that this program should be discontinued.

Very truly yours,


District Manager

JJI:mg

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BR000201392

JOPLIN MO

FOR

Cashin

Mr. G. W. Roddewig - St. Louis

M. J. J. Inman - Joplin

Messrs Young
Plumb
Cashin (2)

September 17, 1914

South Carthage Development - Brown & Root
AGORA 8

Dear George

Churn drill prospecting in the South Carthage area was slowed down this week on account of heavy rain over a two day period.


Churn drill No. 1 completed hole No. AZ-7 at 60 feet and was moved to hole No. AZ-10. There was no mineralization in hole No. AZ-7, however this was a very open hole and out ~~flow~~ boulders and mud for the entire depth. The new location at AZ-10 is up near the center of what we have assumed is the core of the structure.

Churn drill No. 2 located on the East Forty was idle throughout the week. This machine is down on account of an ine trouble.

Churn drill No. 3 completed hole No. AZ-8 at 60 feet. This hole had no mineralization and was bottomed in gray lime, white and blue flint, with some tuff. From all indications this hole was directly above the old mine workings in this area. This completes a line of three holes across the assumed mineralized area on the West Forty. This drill was moved to Hole No. AZ-9 which is approximately 260 feet northwest and in the area of five shallow shafts and a shallow cave. We would like to see the depth that mining was done at these shafts.

Our plans are now to scatter the holes a little more on the West Forty and then confine our efforts to the East Forty and unless churn drill No. 2 can get back to work in the very near future, he will be replaced.

Very truly yours,


District Manager

J I md

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BR000201393

FOR

Mr. Cashin

Mr. G. W. Koddewig - St. Louis

Mr. J. J. Inman - Joplin

George Young
Plumb
Cashin (2)



September 4, 1912

South Carthage level -
Brown & Root
Acreage

Dear George

Churn drill No. 1 completed drill hole AZ-6 on September 5 at 76 feet. This hole was located between holes AZ-1 and AZ-4 and near the center of the apparent trend of shallow mineralization of the southeast corner of the west forty. The hole cut weak mineralization from 33 to 46 feet. We sampled and assayed this 13 feet which shows the following: 33-36 ft. - .80 Zn, .09 Pb; 36-38½ - 1.72 Zn, .01 Pb; 38½-41 - .38 Zn, .01 Pb; 41-43½ - .22 Zn, .08 Pb, and 43-46 - .16 Zn, .19 Pb. This hole carried non-sulphide zinc through the mineralized zone which averaged 1.19 per cent in the form of silicate. On September 6 this drill moved to hole AZ-7 and was down 10 feet at the end of the week.

Churn drill No. 2 which is located on the east forty tore up his engine pulling the casing from hole AZ-2 and did not get moved to his new location as he had the engine in the shop during the entire week.

Churn drill No. 3 completed hole AZ-5 at 110 feet. This hole was located near the center of old mine workings on the west forty and cut very weak mineralization from 70 to 85 feet. It was really not worth sampling, but in order to be sure we sampled this 15 feet which ran less than ½ per cent as Zn. At 85 feet this hole cut old mine workings and continued down to 110 feet. The drill has moved to hole AZ-9 in a northeastern direction.

We have been giving this area considerable study geologically based on old dumps on the surface along with our drilling experience to date. It now appears that the slumpage is more general than was originally anticipated. The whole area is so open that severe weathering has taken place on the shallower levels. It now appears that any sulphide of any consequence has been mined from the lower level which is below 85 feet.

I hope to go over this entire thing with yourself, our geologist, and Mr. Plumb of the Brown & Root Company on your visit to Joplin the coming week. Our present drill holes AZ-7 and AZ-8 will complete two lines across what was considered the ore bearing area on the west forty. The mineralization encountered to date, or particularly in hole AZ-6 which cut mineralization at the shallow level, is far below commercial value. It is my opinion that we should agree on the location of a limited number of holes and if these are negative we should discontinue this project. We should, however, locate a majority of the new holes on the east forty where little work to date has been done.

Very truly yours,

John Plumb
District Manager

BR000201394

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J. I. Emr

AMERICAN ZINC LEAD AND SMELTING CO

JOPLIN MO

FOR

Mr. Cashin

Mr. G. W. Roddewig - St. Louis

September 1, 1945

Mr. J. J. Inman - Joplin

South Carthage Development - Brown & Root
AcreageMessrs H. I. Young C. H. Plumb
D. M. Cashin (2)

Dear George

We wish to submit the following weekly progress report covering drilling on the South Carthage area of Brown & Root leases for the week ending August 30, 1945.

Churn drill No. 1 completed drill hole AZ-4 at 81 feet. This was a comparatively open hole but no mineralization was encountered. On August 30 this drill moved to hole AZ-6. This new location is an offset to the west of old holes B-4 and B-5 which showed shallow mineralization. This is within the limits of the old mine workings and should make or break the southeast corner of the West Forty.

Churn drill No. 2 completed hole AZ-2 at 65 feet. This was a blank hole and was an offset directly south of the two old holes which showed shallow mineralization. This drill was moved to hole AZ-7 which is also within the limits of the old mine workings on the East Forty.

Churn drill No. 3 completed hole AZ-3 at 126 feet. This hole was located near the south boundary of old ~~mine~~ indicated workings. The hole was blank but was stopped in open ground. This drill was moved to hole AZ-5 which is near an old shaft from where apparently considerable ore was taken. We hope to cut the old workings with this hole in order to determine the elevation of the better mineralization which has been taken from the West Forty. Hole AZ-5 was down 50 feet at the end of the week.

Due to the character of the open ground drilling progress has been slow as it has been necessary in most holes that the boys use at least two strings of pipe and in some instances three.

The surface is also well cut up with old dumps, shafts, and caves which requires considerable time in moving. After considering these conditions and the fact that to date the drillers experience financially was very bad, it was agreed to allow them \$25.00 for each move.

We have also decided to stop the holes around 65 feet in the event no mineralization has been encountered. It is my opinion that if we can develop commercial values they should be encountered no deeper than 35 feet from the surface.

I would like to meet with yourself and Mr. Cashin within the next two weeks to discuss the future prospects in this area.

Very truly yours,

J. J. Inman
District Manager

BR000201395

COPY

FOR

Mr. G. W. Roddewig - St. Louis

Mr. J. J. Inman - Joplin

Messrs. H. I. Young C. H. Plumb
D. W. Cashin (2)

RECEIVED
AUG 25 1945

August 25, 1945

South Carthage Development - Brown & Root
Acreage

Dear George

We wish to submit the following weekly progress report on the South Carthage area of Brown & Root leases for the week ending August 23, 1945.

Churn drill No. 1 completed hole No. AZ-1 at 109 feet. This hole was predominately lime from 70 feet down which indicates that it is in the lime wall immediately south of the broken area. On account of personal reasons of the operator this drill was idle on the 20th and 21st. On August 22 the drill moved to drill hole AZ-4 which at the end of the week was down 30 feet in sandstone, boulders and clay.

Churn drill No. 2 located on hole AZ-2 advanced the hole during the week from 30 feet to 65 feet. The hole is in loose flint and clay. A rib was encountered at 30 feet which would not allow the 6 1/2 casing to follow. Reaming with an 8-inch bit was therefore commenced, and at the end of the week was completed to the bottom of the hole.

Churn drill No. 3 commenced hole No. AZ-3 on August 18th. This hole at the end of the week was down to 122 1/2 feet in loose flint with black shale seams and heavy pyrite. Gray shale was encountered from 87 1/2 feet to 92 1/2 feet with some flint boulders and pyrite. This hole will be immediately stopped as it is below the shallow ore horizon.

During the week our engineers located the south corner between the two forty acre tracts. All drill holes will be located from this point.

Very truly yours,


District Manager

JJI:eng

COPY

BR000201396

AMERICAN ZINC LEAD AND SMELTING CO
JOPLIN MO

Report No. 2

FOR

Mr. G. W. Roddewig

Mr. G. W. Roddewig - St. Louis

Mr. J. J. Iman - Joplin

Messrs H. I. Young
D. M. Cashin (2)

August 10, 1945

South Carthage Development -
Brown & Root
Acreage

Dear George:

We wish to submit the following weekly progress report on the South Carthage area of Brown & Root leases for the week ending August 10, 1945.

Churn drill No. 1 located on Hole No. AZ-1 is down 80 feet in gray lime with some flint. This hole was open in loose flint and shale down to 70 feet. There were some bare traces of lead from 30 to 41 feet and also from 47 to 65 feet. From 70 to 75 feet the hole shows flint with a little lime and from 75 to 80 feet gray lime with some flint.

Churn drill No. 2 located on hole AZ-2 got started on August 14 and at the end of the week was down 30 feet in clay and loose flint. There were no traces of either zinc or lead ore.

Churn drill No. 3 moved onto location at Hole No. AZ-3 on August 14. The truck serving this drill broke down before the tools were delivered. They, therefore, had not commenced work at the end of the week.

There was no work on the lease on Wednesday, August 15, due to "V-J Day" celebration.

We are finding very open bouldery ground in the two holes which have been started which certainly retards progress. If we continue to have such holes, some trouble is anticipated in holding drillers. You will note that churn drill No. 1 advanced only 70 feet during the week.

Very truly yours,

John J. Iman
District Manager

JJI smg

COPY

PR000201597

From the desk of—
D'ARCY M CASHIN

August 20, 1945

Dear Miss Elliott,

Enclosed are copies of letters for your files. As you will note, there will be a weekly report sent from Joplin on the progress of the drilling at Carthage. They are sending two here so I will forward one each week for your files.

Kindest regards

Frances



AMERICAN ZINC, LEAD AND SMELTING COMPANY

1600 Paul Brown Building
Saint Louis 1, Missouri

August 13, 1945

Mr D'Arcy M Cashin
705 National Standard Building
Houston, Texas

Dear Mr Cashin

Enclosed are two copies of Mr Inman's first
report to Mr Roddewig regarding our develop-
ment activities on the Carthage acreage

This letter has been marked No 1 You will
receive two copies each week from Mr Inman
One copy is for your file and one is for Mr
George Brown

If additional data are required, you may obtain
these direct from Mr Inman at Joplin

Kindest regards

Very truly yours,

H I Young

HIY LJ

Enc 2

cc Messrs Geo W Roddewig
J J Inman

COPY

PR000001.99

FOR

Mr. G. W. Roddewig - St Louis

August 11, 1944

Mr. J. J. Inman - Joplin

Mr. H. I. Young

7601

Dear George

This is the first of a weekly report which will be furnished you covering our prospecting on the South Carthage Area of the Brown and Root Acreage

The acreage involved is an 80-acre tract more particularly described as the N $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 29, Township 28, Range 31, Jasper County, Missouri. The tract is made up of two 40-acre tracts being divided by a county road. The acreage is owned by Dr. A. G. Hull and is surrounded by a very substantial fence. In my reports I will refer to the East and the West Forties, or those tracts on the east ^{with} side of the road.

We recently furnished a map covering this acreage on which was shown a plan of the proposed development work. We have had some little difficulty in securing churn drills, but this situation now looks considerably improved as a prospect was in the office today looking for work. During the week we contacted Dr. Hull and agreed on cutting the fence and installing gates for ingress onto the property. On Tuesday, August 6, No. 1 churn drill was moved onto the West Forty. There was some delay due to rain one day and the transportation of tools and the rig did not get started until the last day of the week. He was down only 10 feet in boulders and clay. No. 2 drill who promises to be on the land Monday will move onto the East Forty and locate on Hole AZ-2 immediately south of Hole B-4 as shown on the map. All sampling equipment is on the ground and our engineers are locating the property corners and will tie them into the map.

Very truly yours,



District Manager

JJI smg

COPY

NR000201400

D'ARCY M CASHIN
2018 C & I LIFE BUILDING
HOUSTON TEXAS

September 19, 1952

Miss Leonora Elliott
Brown & Root, Inc
P O Box 3
Houston 1, Texas

Dear Miss Elliott

Enclosed are copies of letters from Mr Otto Ruhl to Mr Cashin dated August 4, 1952 and September 2, 1952

Also, enclosed are the following drill records which accompanied these letters from Mr Ruhl

Conner-Lima lease Nos 1, 2, 3, 4, 6, & 7

Wallower drill records Nos 18, through 33

Ten O'Clock drill records Nos 51 through 69 and No 71

Cliffwood drill records Nos 63 through 76

Little Mary (Weaver) drill records Nos 16 and 17

The mineral statement mentioned in Mr Ruhl's letter of August 4 was sent to Mr Walker Also, the bills from Mr Ruhl and Mr Plumb were forwarded to Mr. Walker for payment

Sincerely,



Sec'y. to D M Cashin

/fn
Encls.

PR000201015

Mr. H. I. Young

- 2 -

September 19, 1952

Cash status of the project to-date is as follows.

Cash Advances	\$1,100,000.00	
Miscellaneous Cash Receipts	<u>2,370.62</u>	\$1,102,370.62

Cash Expenditures to-date

1951		
December	\$ 114,898.94	
1952		
January	\$ 112,774.24	
February	96,229.78	
March	111,809.34	
April	83,202.06	
May	111,441.77	
June	113,590.63	
July	96,392.93	
August	152,876.87	
September (Sept. 17, 1952)	<u>61,719.25</u>	<u>1,079,936.01</u>

Cash Balance - September 17, 1952 \$ 22,434.61

Weekly payroll 68 men . . . \$6,640.46

Very truly yours,


District Manager

JJI:as

BR000201017

Mr. Brown

Mr. H. I. Young - St. Louis

August 29, 1952

Mr. J. J. Inman - Joplin

Quick Seven Weekly Report

Messrs.: George Brown, R. A. Young, W. J. Matthews, Jr.
C. A. Dobbel, H. I. Young-Wash., D.C.

Dear Mr. Young.

We wish to submit the following report covering weekly progress at the Quick Seven Zinc-Lead Mines (Joint Venture), for week ending August 27, 1952.

There was little change in mining and stripping activities during the week as the 200-W Monaghan was active on a 24 hour daily basis stripping at the Little Francis cave. Very good progress was made. We are, however, to a point where hereafter some drilling and shooting will be necessary. The 38-B shovel and trucks removed 5700 tons from the Quick Seven cave during the week which was added to the stockpile.

The majority of the construction crew at the mill was shifted to the washer plant on Monday this week in an effort to speed up the completion of this plant. Very fine progress was made and unless something unforeseen happens we expect to commence preliminary operations this coming Monday. Some little time will be required in adjusting the washing plant but we hope to take some material to the mill stock pile next week. The full crew will then be transferred back to the mill for finishing work.

Exploration - During the week two negative holes were completed on the Cliffwood Lease. One of the drills was released which now leaves only one machine at work which is required under our lease. This machine is moving into the Cliffwood cave where location was prepared by bulldozer last week.

The drilling work for the week is summarized as follows.

Cliffwood Lease

Drill Hole No. L-75 Completed at 168 feet. Hole penetrated drift but no ore above. This rig was released.

Drill Hole No. L-76 Completed at 194 feet. Fifteen feet of low grade ore were out from 100-115. This rig was moved down into the Sand Hill cave area for the next hole.

PRO00201018

Mr. H. I. Young

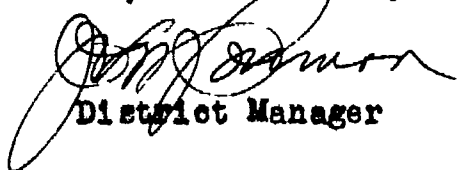
- 2 -

August 29, 1952

Cash Status of the project to-date is as follows:

Cash Advances	\$1,100,000.00	
Miscellaneous Cash Receipts	<u>2,232.69</u>	\$1,102,232.69
<u>Cash Expenditures to-date</u>		
1951		
December	\$ 114,898.94	
1952		
January	137,774.44	
February	96,229.78	
March	111,809.34	
April	83,202.06	
May	111,441.77	
June	113,590.63	
July	96,392.93	
August (Aug. 27, 1952)	<u>137,535.27</u>	<u>1,002,875.16</u>
Cash Balance - August 27, 1952		\$ 99,357.53
Weekly payroll 69 men	\$5,848.25	

Very truly yours,


District Manager

JJI:as

BR000201019

OTTO RUHL
Joplin, Missouri

August 4, 1952

Mr D M Cashin
2018 C & I Life Building
Houston 2, Texas

Dear Mr Cashin

Enclosed herewith are the settlement sheets and duplicate deposit slips for the royalties on the production of ores from the Turkey Creek Mining Company on the Wallower land The tabulation is as follows

Date	Co	Pounds Concentrates	Value	Royalty	Less Bank Charge	Net
1952						
7-12		53 950 Zn)	\$2,657 04)	\$136 16	\$0 50	\$135 66
		37 8 Cd)	66 15)			
7-22		2 740	257 66	12 88	0 50	12 38
7-29		22 830)	1,128 14)	58 01	0 50	57 51
		18 3 Cd)	32 02)			
Total						205 55

Mr Wallower tells me this company map shut down in a few days

CLIFFWOOD LEASE

Drilling on the Cliffwood was reduced to the use of two drills the past month I moved one drill to the Wallower lease During the month we completed seven holes of which six showed commercial ore, and the seventh showed 85 feet of ore averaging only 0 71% zinc sulphide This drilling carried our orebody to the north and west Drill logs are attached

LITTLE MARY LEASE

One drill hole was completed on the Little Mary lease on a geo-physical anomaly selected by Dan Stewart of the American While no ore was cut, the formation was good Another hole is now in progress So far we have struck no ore at all on the Little Mary Lease

TEN O'CLOCK LEASE

Nine holes were completed on the Ten O'Clock lease during the month Of these eight were good holes and one only fair This drilling continues to be very satisfactory Three drills were on the ground but one broke down and almost one week was consumed making the repairs

00000001050

WALLOWER LEASE

Eight holes were completed on the Wallower lease during July, Of these one was entirely blank, two were slime holes not worth assaying and one hole lost at 120' depth The remaining four holes were good This project is doing well in extending the size of the orebody but the ore is deeper than I like to see for a strip pit operation

LIMA LEASE

Two drills were secured the past week for prospecting this lease and two holes are now in progress One struck exceptionally high grade lead ore at 30 feet and was still in it on Saturday at 37-1/2 feet

Taken as a whole the month has shown very satisfactory progress on all leases except the Little Mary Work has been extremely trying, due to the extremely hot weather and drought Three men have been compelled to quit work on account of the weather and hence footage completed has been lower than it should have been This heat has been almost continuous through June and July and is continuing into August So far Carl and I have gotten along very well, but sometimes we wondered how much longer we can stand it However, we still keep at it and no heat stroke to date We hope to be able to submit this coming month estimates of tonnages developed on the Cliffwood Ten O Clock and Wallower tracts

Attached hereto are statements for services and expenses for Carl Plumb and myself for the month of July

Yours very truly,

Otto Ruhl

/s/

OR/vks

Enclosures

C O P Y

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